

SPB426395 (Rechargeable Li-ion Polymer Battery)

Date

2006.06.05

To : _____

SPECIFICATION OF PRODUCT

Rechargeable Li-ion Polymer Battery
Model : SPB426395 (2400mAh)

SAEHAN-ENERTECH. INC.

710-3, Yongtan-Dong , Chung-Ju , Chung-buk , Korea
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1. Nominal Specifications

	Item	Specification
1	Battery Type	Rechargeable Li-ion Polymer Battery
2	Model	SPB426395
3	Nominal Capacity	2400mAh (0.2C Discharge)
4	Nominal Voltage	3.7V
5	Energy Density	Volume 353 Wh/L
		Weight 189 Wh/kg
6	Charging Mode	CC-CV (constant voltage with limited current)
7	Charging Current	Standard : 1200mA (0.5C) Rapid : 2400mA (1.0C)
8	Charging Voltage	4.2V
9	Max. Charge Current	2400 mA
10	Max. Discharge Current	4800mA (2.0C)
11	Cell Dimension (mm)	Thickness : 3.9 ±0.1 mm . (fully charged cell) Width : 63 ±1 mm Height : 95 ±1 mm
12	Cell Weight	47.0 g or less
13	AC Impedance (at 1kHz)	50mΩ or less
14	Operating Temperature	Charge : 0 to 45℃ Discharge: -20 to 60℃
15	Storage Temperature	-10 ~ 40℃ (Within 6 months)
16	Overcharge Test	NE, NF (1A, 5V)
17	External Short-circuit Test	NE, NF (4.2V, 100mΩ)
18	Heating Test	NE, NF (130℃, 60min)
19	Crush	NE, NF (13kN force)

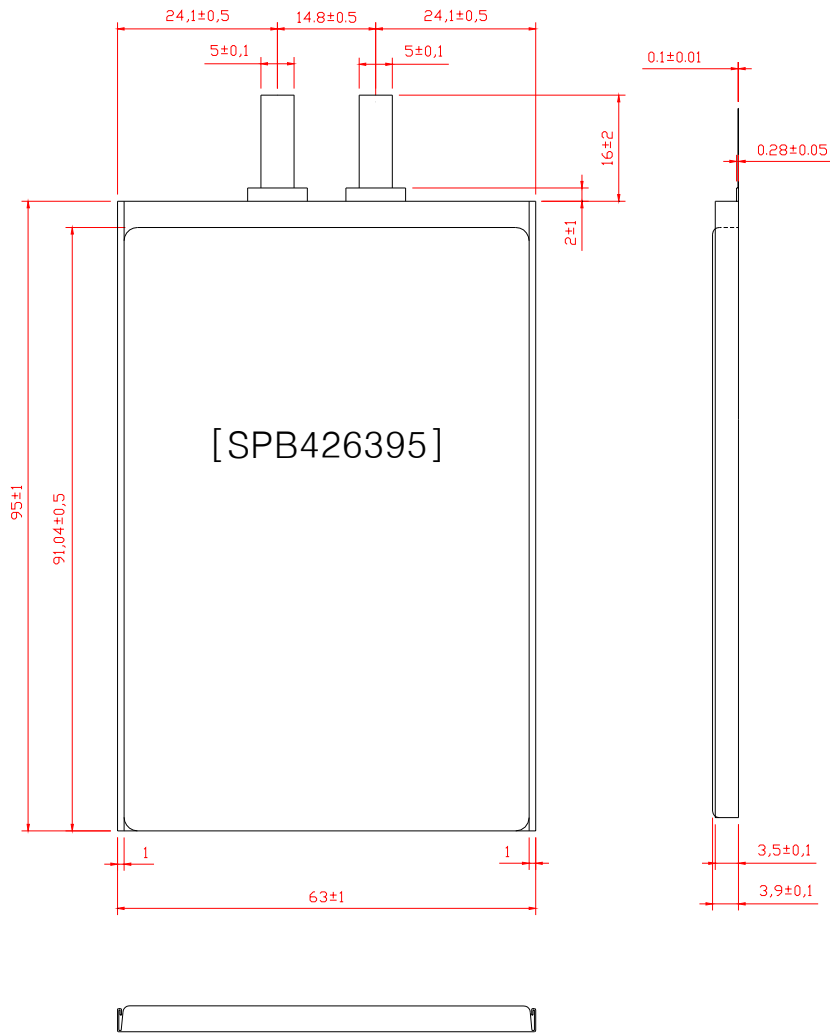
2. Out View drawing for SPB426395

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1. Spec.

Nominal Capacity	2400mAh
Nominal Voltage	3.7V
Weight	47.0g or less
Energy	Volume 353Wh/l
Density	Weight 189Wh/kg
AC Impedance(1kHz)	less than 50mΩ

No.	Description of Change	Remark
▲		
▲		
▲		



SAEHAN SAEHAN ENERTECH INC.			
Dwg. Name	SPB 426395 Cell	Dwg. Date	2006.06.05
		Rev. Date	2006.06.05
Dwg. No.	1-426395-0001	Scale	1 : 1
Rev. No.	0 ① 2 3 4 5	Unit	mm
Item	Drawing	Check	Approval
Sign.	T. Y. PARK	J. K. JEONG	Y. J. KIM